



Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
Lithium Grease

LAST REV. DATE : 10/11/14

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY NAME

PRODUCT NAME: Lithium Grease
PRODUCT CODE: SGPG01/02/03/04/06/09/ SGPGT01
COMPANY NAME: Silverhook Ltd
Unit 14, Bates Road
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London M3 0JH
England
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2. HAZARDS IDENTIFICATION

Classification of the substance mixture Not Classified
Classification according to Directive 67/584EEC Not Classified

Classification according to directive 1272/2008 (GHS/CLP) Not Classified

Label Requirements

Hazard pictograms N/a

Signal word N/a

Hazard statement N/a

Precautionary statements

Prevention. N/a

Response. N/a

Storage. N/a

Disposal N/a

Substance meets the criteria for PBT according to No

Regulation (EC) No. 1207/2006, Annex XIII

Substance meets the criteria for vPvB according to No
Regulation (EC) No. 1207/2006, Annex XIII

3. COMPOSITION/INFORMATION ON INGREDIENTS

Not Classified. Blend of blend oils with multifunctional additives

HAZARDOUS INGREDIENTS :

Ingredients	CAS	Reach	Classification	
			67/548/EEC	Regulation (EC) No 1272/2008 CLP
Zinc Dialkylidithiophosphate >1.5%	68649-42-3	N/a	Xi , N: R36, R51/5	

The Mineral oil contains less than 3 % DMSO extract as measured by IP 346.

4. FIRST AID MEASURES

EYE CONTACT Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists
SKIN CONTACT: Wash skin with soap and water. If grease has been injected under the skin, seek Medical advice immediately.
INGESTION: Do not induce vomiting. Obtain medical attention



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5. FIRE FIGHTING MEASURES

- EXTINGUISHING MEDIA:** Use water Spray to cool containers. Use foam, dry chemical, carbon dioxide or suitable extinguishing media..
- EXPOSURE HAZARDS:** This product may give rise to hazardous fumes in a fire.
- PROTECTION FOR FIRE- FIGHTERS:** Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS:** Refer to section 8 for personal protection details.
- SPILLAGES:** Transfer into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

- HANDLING:** Avoid direct contact with the substance.
- STORAGE:** Store in cool well ventilated area

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- PROTECTIVE EQUIPMENT:**
- HAND PROTECTION:** PVC gloves
- EYE PROTECTION:** Wear approved safety goggles
- BODY PROTECTION:** Normal work wear
- RESPIRATORY PROTECTION:** Not normally required



9. PHYSICAL AND CHEMICAL PROPERTIES

- PHYSICAL STATE:** Smooth Grease
- COLOUR:** Brown
- ODOUR:** Odourless.
- MELTING POINT (°C):** Melts above 150
- FLASH POINT (PMCC) (°C):** Exceed 200.
- SOLUBILITY IN WATER (KG/M3):** Insoluble.
- DENSITY (KG/M3):** 0.82-0.85 (Measured as kg/litre)
- AUTO-FLAMMABILITY (°C):** Above 200.

10. STABILITY AND REACTIVITY

- STABILITY:** Stable under normal conditions.
- CONDITIONS TO AVOID:** Heat.
- MATERIALS TO AVOID:** Strong oxidising agents.
- HAZARDOUS DECOMPOSITION PRODUCTS:** Combustion will generate: smoke, carbon dioxide and carbon monoxide

11. TOXICOLOGICAL INFORMATION

- ACUTE TOXICITY** Low order of acute toxicity.

12. ECOLOGICAL INFORMATION

- MOBILITY:** Non volatile. The product is poorly absorbed onto soils or sediments.
- PERSISTENCE & DEGRADABILITY:** Only slightly biodegradable.
- BIO-ACCUMULATION:** Product is not expected to bio-accumulate.

13. DISPOSAL RECOMMENDATIONS



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PRODUCT DISPOSAL: Dispose in a regulated landfill site or other method for hazardous or toxic waste. Dispose of in accordance with local and national regulations.

14.	TRANSPORT INFORMATION
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UN CLASS: Not classified.
ADR/RID – CLASS: Not classified.
IMDG – CLASS: Not classified.
IATA – CLASS: Not classified.

15.	REGULATORY INFORMATION
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HAZARD SYMBOLS: No significant hazard.
R PHRASES: NONE.
S PHRASES: NONE.

16.	OTHER INFORMATION
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PRODUCT USE: For industrial use. Lubricant.

To the best of our knowledge, the information contained herein is accurate. Although certain hazards may be described we cannot predict that these are the only hazards, or combination of hazards, that may exist in a workplace. This MSDS, therefore, forms a component only of a risk assessment carried out by, or on behalf of the user.